## ISSUE SLIP STAPLE AREA (for additional cross references)

| POSITION                  | INITIALS | ID NO. | DATE    |  |  |  |  |
|---------------------------|----------|--------|---------|--|--|--|--|
| FEE DETERMINATION         | 25.8     | 200000 | ~ 3/Y.  |  |  |  |  |
| O.I.P.E. CLASSIFIER       | PH       |        | 5/8     |  |  |  |  |
| FORMALITY REVIEW          | 174      | 2/423  | 7-9-00  |  |  |  |  |
| RESPONSE FORMALITY REVIEW |          | 21423  | 7-16-00 |  |  |  |  |
| ·                         |          |        |         |  |  |  |  |

## **INDEX OF CLAIMS**

| ~ | Rejected                   | N | Non-elected  |
|---|----------------------------|---|--------------|
| = | Allowed                    | 1 | Interference |
| _ | (Through numeral) Canceled | Α | Appeal       |
| ÷ | Restricted                 | 0 | Objected     |

|    | Cla      | im     | T                     |           | _          |                 | Date     |          |                 |  | Cla          | ıim              | _           |              | _             | 0         | ate     |           |          |  |            | С        | laim         |              |                   | C  | ate       |              |  |              |
|----|----------|--------|-----------------------|-----------|------------|-----------------|----------|----------|-----------------|--|--------------|------------------|-------------|--------------|---------------|-----------|---------|-----------|----------|--|------------|----------|--------------|--------------|-------------------|--|-----------|--------------|--|--------------|
|    |          | lal    | 6                     | 10        |            |                 | T        |          |                 |  |              | 쿌                | 1           | 1            |               |           |         |           |          |  |            |          | <b>1 2 3</b> |              | Į                 | Т  | T         | П            | $\Box$   |              |
|    | Final    | Jrigir | 6 3 34                | 62        | 8          |                 |          |          |                 |  | Final        | Original         | İ           |              | <u>8</u>      |           |         |           |          |  |            | Final    | Original     |              | 3                 | ł  |           |              |  | .            |
|    | ۳        | ž      | ) <u>;</u>            | 74        | -          | ╁               | +        | +        | H               | $\dashv$   |              | ğ ·              | :†          | П            | ٦             | $^{+}$    | +       | $\dagger$ | +        | $\vdash$                               | $\dashv$   | -        | 101          | $\vdash$     | 7                 | +  | +         | +            | $\vdash$   |              |
|    | Н        |        | 4                     | -         | $\vdash$   |                 | 十        | 1        |                 |  |              | 5                | ī           | Ш            |               |           |         |           |          |  |            |          | 102          |              | 1                 |  | T         | 1            | $\vdash$   |              |
|    |          | A      | $\Pi$                 | П         |            |                 |          |          | Ш               |  |              | 5)<br>(A)<br>(B) | Щ           | Щ            |               |           |         |           | _        |  |            |          | 103          | П            | 4                 | $\Box$   | $\prod$   |              |  |              |
|    | Ц        |        | À                     | Н         | _          | 4               | -        | +        | $\vdash \vdash$ | $\dashv$   | -            | 1                | ₩           | ₩            | +             | +         | +       | +         | ╆        | Н                                      | $\dashv$   | _        | 104          | Н            | 4                 | -  | +         | ╀            |  |              |
|    | $\vdash$ |        | Ļ                     | +         | -          | $\vdash$        | +        | +        | $\vdash$        | +  | -            | <b>3</b>         | ╫           | ₩            | +             | +         | +       | +         | ╁        | $\vdash$                               | $\dashv$   | $\vdash$ | 106          | H            | 1                 | +  | +         | ╁╌           | ┼┤   | <del></del>  |
|    | Н        |        |                       | 1         | <u> </u>   | $\vdash$        | +        | +-       | H               | 11   |              | 55<br>57         | #           | #            | +             |           | 1       | +         | -        |  | 7          |          | 107          | Н            | 力                 | +  | +         | †            |  |              |
| ,  |          | 8      | П                     |           |            |                 |          |          |                 |  |              | 58               | II          | $ lap{1}$    | $\Box$        |           | $\bot$  | Ţ         |          |  |            |          | <b>©</b>     |              | 7                 |  | $\perp$   | $\perp$      |  |              |
|    |          | _      | Ц                     | 11        | L          | 4               | _        | <u> </u> | $\sqcup$        | $\perp$  |              | <b>9</b>         | ₩           | ₩            | 4             | - -       | - -     | -         | ╂        | Н                                      | $\dashv$   | $\vdash$ | 109          | $\vdash$     | 1                 |  | +         |              | <del>                                     </del> |              |
| 2  |          | 1      | H                     | 7         | 4.         | $\vdash$        | +        | ╀╌       | $\vdash$        | +  |              | <b>6</b> 0       | ₩           | Н            | ┿             | +         | ╅╴      | +         | $\vdash$ | Н                                      | $\dashv$   | -        | 110          | $\vdash$     | 7                 | +  | +         | ╁            | ┨╌   |              |
|    | Н        | C      | $\forall$             | 7         | 3          | $\vdash$        | +        | ┼┈       | $\vdash$        | +  |              | <b>a</b>         | 1           | H            | +             | +         | +       | +         |          | Н                                      | _          |          | 112          | $\vdash$     | ナ                 |  | $\dagger$ | $\dagger$    | $\vdash$   |              |
|    | Н        | 13     | -                     | 1         | 7          |                 | $\top$   |          |                 |  |              | 63<br>64         | Ш           |              |               |           | 1       |           |          |  |            |          | 113          |              | 기                 |  | 1         |              |  |              |
|    |          | 14     | _                     | 7         | 7          |                 | I        | I        |                 |  |              | 6                | $\parallel$ |              |               | 1         | 1       | ļ.,       | _        | Ш                                      | _          | $\perp$  | 114          | Ш            | 4                 | 4  | 4         | $\bot$       | $\sqcup$   | - -          |
|    |          | 5      |                       | 1         | 1          | $\dashv$        | +        | +-       | $\sqcup$        | $\dashv$   | -            | 6                | ₩           | $\vdash$     | +             | +         | +       | ╁         | ╁        | $\vdash$                               | -1         | -        | 115          | ╟┤           | 7                 |  | +         | +-           | $\vdash$   |              |
| •  | -        | 16     |                       | 1         | 7          | +               | -        | +-       | $\vdash$        | +  | -            | 6                | ╫           | H            | +             | +         | +       | ╁         | +        | Н                                      | $\dashv$   | -        | 117          |              | 7                 | +  | ╁         | +            | $\vdash$   |              |
| .  | H        | 18     |                       | 1         | <b>y</b> - | $\vdash \vdash$ | +        | +-       | Н               | +-   |              | 68               | Ħ           | H            | +             | $\dagger$ | $\top$  | †         | 1        |  |            |          | 118          |              | 1                 | 士  | 工         |              |  |              |
|    |          | 19     | 1                     | 1         | V          |                 |          |          |                 |  |              | 6<br>6<br>6<br>7 | Ш           | $\prod$      |               |           | $\perp$ | L         |          |  | <u></u> I∙ |          | 119          |              | 4                 | $\perp$  | $\perp$   | 1_           | Ш  | , ;          |
|    |          | 20     | $\Pi$                 | y         | 7          |                 |          | L        |                 |  |              |                  | Щ           | Щ            |               |           | 4_      | $\perp$   | $\perp$  | $\perp$                                | $\Box$     | <u> </u> | 120          | _            | 1                 | 4  | 4         | 1            | $\sqcup$   |              |
|    |          | 21     |                       | 1         | 1          | Ш               | $\perp$  | ļ        | Ш               |  | <u> </u>     | _                | #           | ₩            | 4             | +         | +       | -         | +        | $\vdash$                               | Н          | -        | 121          |              | 4                 | -  | +         |              | -  |              |
| ė. | -        | 22     |                       | 1         | -          | 4               | +        |          | $\vdash$        |  | l            | 7 <u>2</u><br>3  | ╫           | ╫            | +             | +         | +       | ╁         | +        | +-                                     | H          | -        | 123          | Н            | 1                 | $\dashv$   | +         | -            | +  |              |
| (  | H        | 9      |                       | N         | <b>_</b>   | 1-1             | +        | +-       | $\Box$          |  | -            |                  | ₩           | $\parallel$  | +             | +         | +       | $\dagger$ | 十        | $\vdash$                               | Н          |          | 124          |              | 7                 |  | $\perp$   |              |  |              |
|    | 厂        | 2      | 1                     | 1         | ┢          | H               | +        | $\top$   | П               | _  |              | 4<br>(6)<br>(6)  | 1           | T            |               | ↿         |         | İ         |          |  |            |          | 8            |              | N                 | $\Box$   | $\Box$    | $\perp$      |  | <u> </u>     |
|    |          | 2      |                       | 1 1       | 1          |                 |          |          |                 |  |              | 76               | $\prod$     | Ц            |               | _         |         | $\perp$   | 1        | ↓_                                     | Ц          | _        | 126          | <u> </u>     | $\mathbb{H}$      | <del>-</del> !                                   | -         | +            | 4  | <del></del>  |
|    | L        | 2      | 1                     | 1         | _          | Ш               | _ _      | _        | $\sqcup$        | _  |              | 1                | ╢           | Н            | 4             |           | +       | +         | +        | ــــ                                   | H          | $\vdash$ | 127          | $\vdash$     | +                 | -+   |           | +-           | ╁  | <del>!</del> |
|    | -        | 2      | #                     | #         |            | Н               |          | - -      | ╁╌┧             |  |              |                  | ╫           | H            | $\dashv$      | -+        | +-      | ╁         | +-       | +-                                     | H          | $\vdash$ | 129          | $\vdash$     | Н                 | -  | 寸         |              | - <del>!</del>                                   |              |
| T  | H        | 3      | #                     | #         | ŧ.         | H               | ╁        |          | $\vdash$        |  | -            | 8                | #           | H            | 寸             | +         | ┪       | +         | ╁        | 十                                      | Н          |          | 130          |              |                   |  |           |              |  |              |
| 1  | ┢        | 13     | 11                    | +}        | 1          | П               | $\top$   | _        |                 |  |              | <b>4</b>         | 1           |              |               |           |         | I         | I        |  |            |          | 131          | L            |                   | _  | 4         |              | <del>-</del> !                                   |              |
| 7  |          | (C)    | N                     | $\prod$   |            | П               |          | Ţ        |                 |  |              |                  | 41          | $\sqcup$     | 4             | $\perp$   | - -     | $\perp$   | 4        | 1                                      | Н          | $\vdash$ | 132          | ├            | 4-                | $\dashv$   | - -       | <del></del>  | - <del> </del>                                   | 4            |
|    | <u>_</u> | Į      | 1                     | #         | 1          | H               | 4        | - -      | $\sqcup$        |  |              | 8B<br>84         | ╫           | $\mathbb{H}$ | -             | $\dashv$  |         |           | ╬        | +-                                     | Н          | -        | 133          | ╁            | -                 |  |           |              |  |              |
|    | -        | 3      | Ш                     | ₩         | H          | ╁               |          | +        | ╁╌┤             | +  | <del> </del> | 85               | !           | Ż            | -             | $\dashv$  | -       | +         | +        | ╁                                      | H          | H        | 135          | T            | +                 |  |           |              |  |              |
|    | 才        | 3      | $\parallel \parallel$ | #         | t          | H               | +        | +        | H               | $\vdash$   | 1 7          | 88               | ী           | 7            | フ             | 寸         |         |           |          | 工                                      |            |          | 136          | <del></del>  |                   |  |           |              |  |              |
|    |          | 3      | Ш                     | 1         | İ          |                 |          |          |                 |  |              | 87               |             | V            | Z             | $\Box$    |         |           | 1        | ــــــــــــــــــــــــــــــــــــــ | Ш          | -        | 137          | <del></del>  | 4                 | <u> </u>   |           |              |  |              |
|    |          | 3      | Щ                     | T         | Ļ          |                 |          | 1        |                 |  | ↓  _         | 88               | _           | 1            | 4             | _         | -       | +         | - -      | +-                                     | $\vdash$   | H        | 138          | _            | ╁┼                | -  | ;-        |              |  |              |
|    | L        | 3      |                       | #         | +          | $\vdash$        |          | - -      | H               |  | <b>∤</b>     | 89               | $\dashv$    | -            | /             | $\dashv$  |         | +-        | +        | $\pm$                                  | H          | H        | 140          | <del>:</del> | $\forall$         |  |           |              |  |              |
|    | -        | 4      | H                     | ╫         | +          | $\vdash$        |          | - -      | $\vdash$        |  | {            | 91               | 4           |              | 7             | $\dashv$  | Ť       |           | +        | ╁                                      | H          |          | 141          | 1            | $\sqcap$          |  |           |              |  |              |
|    | Η,       | •      | $\forall$             | ╫         | ╁          | ┼┤              | $\dashv$ | +        | +-              | -  | 1  -         | 92               | 7           | _            | 1             | 7         | _       | _         |          |  | $\Box$     |          | 142          |              | П                 |  | _         |              |  |              |
|    |          | 14     | Ы                     | #         | $\dagger$  | $\Box$          | $\dashv$ | +        | T               |  | 1 E          | 93               |             |              | J             |           |         |           | I        | $\perp$                                | Ш          | -        | 143          | <u> </u>     | #                 |  | $\dot{-}$ |              |  |              |
| ı  |          | 1      | 4<br>5                | $\coprod$ |            |                 | $\Box$   |          |                 |  | ] [          | 94               |             | $\Box$       | 4             | _         | 4       | _         | $\bot$   | $oldsymbol{\perp}$                     | $\sqcup$   | -        | 144          | +            | ₩                 | <del>                                     </del> | ᆉ         | _ <u>-</u> - |  |              |
| 1  |          | 14     | ĒΗ                    | $\coprod$ | $\perp$    | $\sqcup$        | _        | - -      | 1               | - -  | ┤├           | 95               | -           |              | 4             | +         | +       | +         | ╁        | ╁                                      | $\dashv$   | -        | 146          | +            | #-                | H  | 寸         | -            | İ  |              |
| Į  | $\vdash$ | 14     | <b> </b>              | ++        | +          | ╂╌┨             | $\dashv$ | -        | +               | - -  | ┨            | 96<br>97         | -           | -            | $\mathcal{T}$ | $\dashv$  | +       | +         | +        | ╁                                      | + -        |          | 147          | 1            | $\dagger \dagger$ |  |           |              |  |              |
| •  | -        |        | ₩                     | ╫         | +          | +               |          | +        | +               | <del>                                     </del> | ┪┝           | 98               | $\dashv$    | _            | フ             | $\dashv$  | _       | _         | 1        | 士                                      | 口          |          | 148          | L            | Ц                 | П  | $\Box$    | _ _          |  |              |
|    |          | 4      | M                     | +†        | $\dagger$  | H               | $\dashv$ | +        | $\top$          |  |              | 99               |             |              | 2             |           | $\Box$  | $\Box$    | $\perp$  | 1                                      | $\Box$     | Ţ        | (49)         | 1            | #                 | $\vdash$   | -         |              |  |              |
|    |          | 5      | ₫:                    | 1         | $\perp$    |                 |          |          |                 |  | ] [          | 100              |             |              | 1             |           |         |           | 上        | Т.                                     | Ш          | L        | 150          |              | Ц.                | 1  |           | <u>-</u> -   |  |              |
|    |          |        | -                     | •         |            |                 |          |          |                 |  |              |                  |             |              |               |           |         |           |          |  |            |          |              |              |                   |  |           |              |  |              |

If more than 150 claims or 10 actions staple additional sheet here BEST AVAILABLE COPY